Am An GEO CONSULTANT

NAGARAJ MOKASHI, MSc.,
GEOLOGIST

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Ramjyothi Nagar, R.V.College Post, Bangalore - 560 059.

To,
BBMP AEE
Yelahanka Sub
Division Bl'lore

Date : 13/07/20

GEO-TECHNICAL SURVEY REPORT
(Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging Yelahanka city/village Betahalli Main Road Behined Ambabhavani Temple Dated on 06/07/20 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards ..... marked by Soft Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by gravel rock.

SOURCES EXTRACTED :

(I) Betwen 700 ft ft/mtrs. (II) 825 ft ft/mtrs.

(III) 980 ft ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling 1150 ft to app depth of 1350 ft. ft/mtrs. Below the ground level, casing pipe required be to app depth of 198 ft ft/mtrs.
Approx, yield expected may be around 1½" GPH.

Suggested to drill 4 $\frac{1}{2}$" / 6 $\frac{1}{2}$" dia Borewell.

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NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form

Save Water

SAVE ENVIRONMENT

(NAGARAJ MOKASHI)

ADOPT RAINWATER HARVESTING

Services : Ground Water location by geo-hydrological, geophysical and divining methods, Driling advisors and supervision Rain Water harvesting, water shed management, Quarry operations, Planning, Water testing, Soil Testing & Surveying

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Yelahanka Sub
Division Bldg

Date : 13/07/20

GEO-TECHNICAL SURVEY REPORT
(Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging Yelahanka city/village M.S. Palaya Bus Depot Dated on 10.7.07.20 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards ..... marked by Soft Soil, uneven topography hydrogeological features are found to be favourable / not favourable for ground water extraction. Geology of the area is marked by gravel rock.

SOURCES EXTRACTED :

(I) Betwen 620 ft ft/mtrs. (II) 780 ft ft/mtrs.

(III) 920 ft ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling 1100 ft to app depth of 1300 ft ft/mtrs. Below the ground level, casing pipe required be to app depth of 198 ft ft/mtrs.

Approx, yield expected may be around 2" GPH.

Suggested to drill 4 $\frac{1}{2}$" / 6 $\frac{1}{2}$" dia Borewell.

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NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form

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To,

BBMP AEE

Yelahanka Sub

Division B'lore

Date : 13/07/20

GEO-TECHNICAL SURVEY REPORT

(Ground Water Exploration)

Sir / Madam,

As per your work order/request Geo-Hydrological / Geo-physical Survey carried out in your land / site belonging Yelahanka city/village Betahalli layout Dated on 06/07/20 in order to assess the ground water potential of the area for drinking / irrigation / industrial purposes.

The area inspected has a slope towards ..... marked by Magnetic Soil, uneven topography hydrogeological features are found to be favourable / ~~not favourable for ground water extraction~~. Geology of the area is marked by Hard rock.

SOURCES EXTRACTED :

(I) Betwen 520 ft ft/mtrs. (II) 760 ft ft/mtrs.

(III) 960 ft ft/mtrs.

From the study of the above field observation, Investigation results, a borewell VES drilling 1100 ft to app depth of 1300 ft ft/mtrs. Below the ground level, casing pipe required be to app depth of 60ms ft/mtrs.

Approx, yield expected may be around 2½" GPH.

Suggested to drill 4 $\frac{1}{2}$" / 6 $\frac{1}{2}$" dia Borewell.

NOTE : Although the best site for drilling has been suggested, no guarantee of success can be given and we will not be liable in any way for any loss to the party in respect of the well drilled at the site recommended being a failure in any form.

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